

EAST

L Number	Hits	Search Text	DB	Time stamp
11	17	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:36
12	24	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:36
13	7	(brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not (brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:38
14	1	1981-L3246D.NRAN.	DERWENT	2004/03/17 08:37
15	1	("4450940").PN.	USPAT; US-PGPUB	2004/03/17 08:38
16	17	(brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not ((brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not (brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:50
17	4	("3354992" "4005768" "4164273" "4360083").PN.	USPAT	2004/03/17 08:40
18	4	4540069.URPN.	USPAT	2004/03/17 08:41

19	295	("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn. ("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4888919" "4552252" "4799575"	USPAT; US-PGPUB	2004/03/17 08:50
Search History 3/17/04 8:55:10 AM Page 2 C:\APPS\least\workspaces\1001252.wsp				

-	3	("4484667" "4744606" "6371569").PN.	USPAT;	2004/03/16 05:33
-	0	brumfiled.in. and caliper same cover	US-PGPUB	2004/03/17 06:03
-	1	D476275	USPAT;	2004/03/17 05:56
-	0	D476275.URPN.	US-PGPUB	2004/03/17 05:56
-	8	("D291189" "5538105" "D378363" "D397968" "D417178" "D458199" "D468242" "D468243").PN.	USPAT	2004/03/17 05:56
-	6	D291189.URPN.	USPAT	2004/03/17 05:57
-	1	D397968.URPN.	USPAT	2004/03/17 05:58
-	2	("D291189" "D377774").PN.	USPAT	2004/03/17 05:58
-	8	("D291189" "5538105" "D378363" "D397968" "D417178" "D458199" "D468242" "D468243").PN.	USPAT	2004/03/17 05:59
-	2	("D291189" "D377774").PN.	USPAT	2004/03/17 05:59
-	15	caliper same cover and d\$.ccls.	USPAT;	2004/03/17 05:59
-	11	(US-4744606-\$ or US-4484667-\$ or US-6371569-\$ or US-D397968-\$ or US-D291189-\$ or US-D377774-\$ or US-5881835-\$ or US-D310191-\$ or US-D298224-\$ or US-D294923-\$ or US-D281912-\$).did.	US-PGPUB	2004/03/17 06:03
-	558	brak\$4 same caliper same (enclosure or shield or cover)	USPAT;	2004/03/17 06:33
-	25	brak\$4 same caliper same (dust adj cover)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 06:04
-	4	4313528.URPN.	USPAT;	2004/03/17 06:05
-	1	4295549.URPN.	USPAT	2004/03/17 06:06
-	1	"4005768".PN.	USPAT	2004/03/17 06:06
-	3	4085824.URPN.	USPAT	2004/03/17 06:07
-	2	("3354992" "3972391").PN.	USPAT	2004/03/17 06:07
-	7	(US-6578678-\$ or US-6371260-\$ or US-4295549-\$ or US-6626272-\$ or US-4005768-\$ or US-4257498-\$ or US-4085824-\$).did.	USPAT	2004/03/17 06:17
-	48	brak\$4 same caliper same (enclosure or shield or cover) near4 (debris or dust or stone or dirt)	USPAT;	2004/03/17 06:45
-	3	6155650.URPN.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 06:18
-	9	("D173802" "4441762" "4484667" "5659989" "5722734" "5772286" "6047796" "6089671" "6155650").PN.	USPAT	2004/03/17 06:19
-	5	("4164273" "4207971" "4473139" "4484667" "4807498").PN.	USPAT	2004/03/17 06:21
-	4	4473139.URPN.	USPAT	2004/03/17 06:21
-	4	("2655236" "4005768" "4250979" "4317508").PN.	USPAT	2004/03/17 06:21
-	8	(US-5722734-\$ or US-4473139-\$ or US-4317508-\$ or US-4005768-\$ or US-5293967-\$ or US-4540069-\$ or US-4155601-\$ or US-RE29509-\$).did.	USPAT	2004/03/17 06:32
-	151	188/264w.ccls.	USPAT;	2004/03/17 06:32
-	2	188/264w.ccls. and caliper	US-PGPUB	2004/03/17 06:33
-	0	188/264w.ccls. and caliper	USOCR	2004/03/17 06:33
-	16	brak\$4 same caliper same (enclosure or shield or cover) near4 (debris or dust or stone or dirt)	USOCR	2004/03/17 08:34
-	6	3433328.URPN.	USPAT	2004/03/17 07:04

L Number	Hits	Search Text	DB	Time stamp
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2	47	("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4489801" "4552252" "4799575" "5320200" "5398393" "5417247" "5499701" "5620064" "6053998" "6056091" "6082509" RE37231 "6397977" "5975250" "4351418" "5265946" "5358078" "5593005" "5992587" "4491340" "6059379" "6059379" "4267903" "4276965" "4537289" "4577731" "4765443" "4773662" "4800993" "4817764" "5257856").pn.	USPAT; US-PGPUB	2004/03/17 11:40
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3	199	("5263555" "5499563" "5634533" "5722515" "4267746" "4269002" "4310074" "4356897" "4367882" "4406352" "4456106" "4458789" "4488761" "4489813" "4498562" "4507838" "4591213" "4602703" "4768626" "4795187" "4828284" "4854423" "4865163" "4892173" "4903391" "4903799" "4926977" "4943072" "4994135" "5011192" "5188200" "5189391" "5193652" "5193833" "5249848" "5263401" "5263731" "5265486" "5280938" "5297859" "5299815" "5343985" "5397138" "5417305" "5445242" "5464077" "5472068" "5492355" "5551711" "5582273").pn. ("5609228" "5620189" "5700067" "5765667" "5803207" "5810121" "5826953" "5860495" "5911425" "5915504" "5927820" "5934416" "6006870" "6006597" "6030054" "6048985" "6048194" "6079523" "6082831"	USPAT; US-PGPUB	2004/03/17 11:41
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4	295	("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn.) ("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4469881" "4584153" "4799575" "5320200"	USPAT; US-PGPUB	2004/03/17 11:41
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5	117	(((("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn.) (("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4448988" "4552253" "4799575" "5320200"	USPAT; US-PGPUB	2004/03/17 11:42
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6	82	(((("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn.) (("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4489881" "4582152" "4584153" "4799575" "5320200"	USPAT; US-PGPUB	2004/03/17 11:45
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7	20	(((("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn.) (("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4465164" "4469881" "4582153" "4799575" "5320200"	USPAT; US-PGPUB	2004/03/17 11:45
Search History 3/17/04 11:46:08 AM Page 7 C:\APPS\least\workspaces\198817539.wsp				

-	3	("4484667" "4744606" "6371569").PN.	USPAT;	2004/03/16 05:33
-	0	brumfiled.in. and caliper same cover	US-PGPUB	2004/03/17 10:02
-	1	D476275	USPAT;	2004/03/17 05:56
-	0	D476275.URPN.	US-PGPUB	2004/03/17 05:56
-	8	("D291189" "5538105" "D378363" "D397968" "D417178" "D458199" "D468242" "D468243").PN.	USPAT	2004/03/17 05:56
-	6	D291189.URPN.	USPAT	2004/03/17 05:57
-	1	D397968.URPN.	USPAT	2004/03/17 05:58
-	2	("D291189" "D377774").PN.	USPAT	2004/03/17 05:58
-	8	("D291189" "5538105" "D378363" "D397968" "D417178" "D458199" "D468242" "D468243").PN.	USPAT	2004/03/17 05:59
-	2	("D291189" "D377774").PN.	USPAT	2004/03/17 05:59
-	15	caliper same cover and d\$.ccls.	USPAT;	2004/03/17 05:59
-	11	(US-4744606-\$ or US-4484667-\$ or US-6371569-\$ or US-D397968-\$ or US-D291189-\$ or US-D377774-\$ or US-5881835-\$ or US-D310191-\$ or US-D298224-\$ or US-D294923-\$ or US-D281912-\$).did.	US-PGPUB	2004/03/17 06:03
-	558	brak\$4 same caliper same (enclosure or shield or cover)	USPAT	2004/03/17 06:03
-	25	brak\$4 same caliper same (dust adj cover)	USPAT;	2004/03/17 06:04
-	4	4313528.URPN.	US-PGPUB;	2004/03/17 06:05
-	1	4295549.URPN.	EPO; JPO;	2004/03/17 06:06
-	1	"4005768".PN.	DERWENT;	2004/03/17 06:06
-	3	4085824.URPN.	IBM_TDB	2004/03/17 06:07
-	2	("3354992" "3972391").PN.	USPAT;	2004/03/17 06:07
-	7	(US-6578678-\$ or US-6371260-\$ or US-4295549-\$ or US-6626272-\$ or US-4005768-\$ or US-4257498-\$ or US-4085824-\$).did.	USPAT	2004/03/17 06:17
-	48	brak\$4 same caliper same (enclosure or shield or cover) near4 (debris or dust or stone or dirt)	USPAT;	2004/03/17 06:45
-	3	6155650.URPN.	US-PGPUB;	2004/03/17 06:18
-	9	("D173802" "4441762" "4484667" "5659989" "5722734" "5772286" "6047796" "6089671" "6155650").PN.	EPO; JPO;	2004/03/17 06:19
-	5	("4164273" "4207971" "4473139" "4484667" "4807498").PN.	DERWENT;	2004/03/17 06:21
-	4	4473139.URPN.	IBM_TDB	2004/03/17 06:21
-	4	("2655236" "4005768" "4250979" "4317508").PN.	USPAT	2004/03/17 06:21
-	8	(US-5722734-\$ or US-4473139-\$ or US-4317508-\$ or US-4005768-\$ or US-5293967-\$ or US-4540069-\$ or US-4155601-\$ or US-RE29509-\$).did.	USPAT	2004/03/17 06:32
-	151	188/264w.ccls.	USPAT;	2004/03/17 06:32
-	2	188/264w.ccls. and caliper	US-PGPUB	2004/03/17 06:33
-	0	188/264w.ccls. and caliper	USPAT;	2004/03/17 06:33
-	16	brak\$4 same caliper same (enclosure or shield or cover) near4 (debris or dust or stone or dirt)	US-PGPUB	2004/03/17 06:33
-	6	3433328.URPN.	USOCR	2004/03/17 08:34
-	17	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover)	USOCR	2004/03/17 08:36

-	24	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:36
-	7	(brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not (brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 08:38
-	1	1981-L3246D.NRAN.	DERWENT	2004/03/17 08:37
-	1	("4450940").PN.	USPAT; US-PGPUB	2004/03/17 08:38
-	17	(brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not ((brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt or heat) same caliper near5 (deflector or protector or enclosure or shield or cover)) not (brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) near4 (debris or dust or stone or dirt) same caliper near5 (deflector or protector or enclosure or shield or cover)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 09:41
-	4	("3354992" "4005768" "4164273" "4360083").PN.	USPAT	2004/03/17 08:40
-	4	4540069.URPN.	USPAT	2004/03/17 08:41

-	295	("4360083" "5782267" "5826686" "5845747" "4454932" "6234587" "4858998" "4155601" "4276964" "4456099" "4473139" "4630471" "4810039" "4867280" "5014827" "5238090" "5377790" "5381875" "5474146" "5495920" "5575358" "5626209" "5713435" "5775454" "5833035" "5962037" "6047796" RE37231 "6311809" "6336686" "4401012" "4928579" "5176042" "5958160" "3860094" "4318460" "4354303" "4448287" "4502572" "4503595" "4516666" "4538708" "4796729" "4815573" "4844206" "4865160" "5259483" "5269053" "5282521" "5533599").pn. ("5737985" "5743600" "5860496" "5915747" "6126242" "6182994" "6196364" "6216828" "6219919" "6216828" "6219919" "4798270" "5699882" "4072216" "4280249" "4343381" "4431090" "4460071" "4455164" "4488901" "4552252" "4799575"	USPAT; US-PGPUB	2004/03/17 11:39
Search History 3/17/04 11:46:08 AM Page 10 C:\APPS\least\workspaces\1000252.wsp				

-	1	("4473139").PN.	USPAT; US-PGPUB	2004/03/17 09:03
-	1	("4155601").PN.	USPAT; US-PGPUB	2004/03/17 09:07
-	1	("4744606").PN.	USPAT; US-PGPUB	2004/03/17 09:18
-	133	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) same (debris or dust or stone or dirt or heat)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:43
-	3	dust adj cover and d12/\$.ccls.	USPAT; US-PGPUB	2004/03/17 09:49
-	23	brak\$ same cover and d12/\$.ccls.	USPAT; US-PGPUB	2004/03/17 09:50
-	257	d12/180.ccls.	USPAT; US-PGPUB	2004/03/17 09:54
-	95	HARCO.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:03
-	10	HARCO.asn. and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:03
-	34	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) same (debris or dust or stone or dirt or heat)	USOCR	2004/03/17 10:17
-	2	(US-4257498-\$).did. or (US-20040031652-\$).did.	USPAT; US-PGPUB	2004/03/17 10:38
-	8	(US-3495689-\$ or US-3421607-\$ or US-3403761-\$ or US-3395780-\$ or US-3310135-\$ or US-3298469-\$ or US-3260332-\$ or US-3081843-\$).did.	USOCR	2004/03/17 10:38
-	478	brak\$4 same caliper same cover	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:44
-	133	brak\$4 same caliper same (deflector or protector or enclosure or shield or cover) same (debris or dust or stone or dirt or heat)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:44
-	413	brak\$4 same caliper same cover!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:45
-	165	brak\$4 same caliper near7 cover!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:45
-	216	brak\$4 with caliper with cover!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:47
-	51	brak\$4 with caliper with (shield or protector or cover!) with (dust or water or heat or debris or decorative)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:56
-	28	brak\$4 with caliper with cover! with (dust or water or heat or debris)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:56
-	1	brak\$4 with caliper with cover! with wheel near5 openings!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:55
-	0	brak\$4 with caliper with cover! with wheel near5 openings!	USOCR	2004/03/17 10:55
-	1	brak\$4 with caliper with (shield or protector or cover!) with (dust or water or heat or debris or decorative)	USOCR	2004/03/17 10:56
-	0	brak\$4 with caliper with cover! with (dust or water or heat or debris)	USOCR	2004/03/17 10:56

-	151	(188/264w).CCLS.	USPAT; US-PGPUB	2004/03/17 10:57
-	0	("decorativeadj4wheelsameopenings!").PN.	USPAT; US-PGPUB	2004/03/17 10:58
-	0	decorative adj4 wheel same openings! same dust	USPAT; US-PGPUB	2004/03/17 10:59
-	0	decorative adj4 wheel same openings! same dust	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:59
-	0	decorative same wheel same openings! same dust	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:59
-	1	decorative same wheel same dust adj cover	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/17 10:59

PLUS 3/17/04

Butler, Douglas

From: PLUS
Sent: Friday, February 27, 2004 2:53 PM
To: Butler, Douglas
Subject: PLUS Results for 10601739

Here are the PLUS search results for 10601739.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10601739_QUAL.txt



10601739_LIST.txt



10601739_WEST.txt



10601739_EAST.txt



10601739.east



10601739_CLS.txt



10601739_CLSTITLES.txt



10601739_WDS.txt

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10601739_LIST

PLUS Search Results for S/N 10601739, Searched February 27, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10601739_EAST

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10601739_EAST

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10601739_EAST

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10601739_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10601739 on February 27, 2004

Original Classifications

11	188/18A
9	188/72.4
9	188/73.38
8	188/71.6
8	188/73.44
6	188/72.5
6	188/73.45
5	188/24.11
5	188/24.19
5	188/71.9
4	188/218XL
4	188/24.12
4	188/24.16
4	188/24.21
4	188/24.22
4	188/72.7
4	188/73.35
4	280/276
3	82/112
3	180/227
3	188/218A
3	188/24.14
3	188/264G
3	188/59
3	188/72.6
3	188/72.9
3	188/73.31
3	188/73.32
3	188/73.34
3	188/73.36
3	188/73.39
3	188/73.43
3	192/217.1
3	301/6.8
2	29/897.2
2	92/248
2	180/219
2	188/1.11L
2	188/1.11W
2	188/344
2	188/352
2	188/70R
2	188/71.1
2	188/71.5
2	188/72.1
2	188/72.3
2	188/72.8
2	188/73.33
2	188/73.37
2	280/124.154
2	280/234
2	280/304.1
2	280/93.512
2	303/15

2 303/2
2 451/63
2 482/57

Cross-Reference Classifications

29 188/73.45
17 188/72.4
14 188/18A
13 188/72.9
12 188/73.39
10 188/370
10 188/73.1
9 188/250B
9 188/71.8
9 188/73.38
8 188/264G
8 188/72.7
7 188/71.5
7 188/72.5
6 188/106F
6 188/196BA
6 188/218A
6 188/24.12
6 188/24.22
6 188/250G
6 188/26
6 188/344
6 188/71.1
6 188/71.9
6 188/72.6
6 188/72.8
6 188/73.43
5 188/196M
5 188/205A
5 188/2D
5 188/73.31
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5 188/73.37
4 74/489
4 74/502.2
4 180/219
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4 188/218XL
4 188/24.19
4 188/24.21
4 188/264AA
4 188/72.3
4 188/73.47
4 280/93.512
3 29/266
3 188/106P
3 188/140R
3 188/162
3 188/24.11
3 188/24.17
3 188/250E
3 188/5
3 188/72.2
3 188/73.34

10601739_CLS

3 188/73.44
 3 192/70.19
 3 280/281.1
 3 280/284
 3 303/DIG 3
 3 403/408.1
 2 29/897
 2 29/897.3
 2 74/18.2
 2 74/594.2
 2 82/112
 2 92/168
 2 92/248
 2 180/231
 2 180/65.6
 2 188/181A
 2 188/196D
 2 188/196P
 2 188/218R
 2 188/264A
 2 188/264F
 2 188/264P
 2 188/272
 2 188/29
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 2 188/345
 2 188/59
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 2 188/73.36
 2 188/DIG 1
 2 192/111A
 2 192/113.3
 2 192/35
 2 192/70.24
 2 192/94
 2 280/11.231
 2 280/124.125
 2 280/277
 2 280/288
 2 280/5.513
 2 280/87.041
 2 301/124.1
 2 301/6.8
 2 301/6.9
 2 301/6.91
 2 301/67
 2 303/115.2
 2 303/119.2
 2 303/122.09
 2 303/191
 2 303/20
 2 303/3
 2 303/68
 2 303/9.61
 2 303/DIG 10
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 2 451/902

Combined Classifications

10601739_CLS

35 188/73.45
 26 188/72.4
 25 188/18A
 18 188/73.38
 16 188/72.9
 15 188/73.39
 13 188/72.5
 12 188/72.7
 11 188/264G
 11 188/71.9
 11 188/73.1
 11 188/73.44
 10 188/24.12
 10 188/24.22
 10 188/250B
 10 188/370
 10 188/71.6
 10 188/71.8
 9 188/218A
 9 188/24.19
 9 188/71.5
 9 188/72.6
 9 188/73.43
 8 188/218XL
 8 188/24.11
 8 188/24.21
 8 188/344
 8 188/71.1
 8 188/72.8
 8 188/73.31
 8 188/73.32
 7 188/26
 7 188/73.37
 6 180/219
 6 188/106F
 6 188/196BA
 6 188/250G
 6 188/2D
 6 188/72.3
 6 188/73.34
 6 280/93.512
 5 74/489
 5 74/502.2
 5 82/112
 5 188/196M
 5 188/205A
 5 188/59
 5 188/73.35
 5 188/73.36
 5 188/73.47
 5 301/6.8
 4 92/248
 4 180/227
 4 188/1.11E
 4 188/106P
 4 188/24.16
 4 188/24.17
 4 188/250E
 4 188/264AA

10601739_CLS

4 192/217.1
 4 280/276
 4 280/284
 3 29/266
 3 188/1.11W
 3 188/140R
 3 188/162
 3 188/24.14
 3 188/264F
 3 188/2F
 3 188/345
 3 188/352
 3 188/5
 3 188/72.1
 3 188/72.2
 3 188/73.33
 3 192/70.19
 3 280/124.154
 3 280/277
 3 280/281.1
 3 303/115.2
 3 303/191
 3 303/20
 3 303/DIG 3
 3 403/408.1
 2 29/239
 2 29/897
 2 29/897.2
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 2 92/168
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 2 188/70R
 2 188/73.46
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 2 192/111A
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 2 192/35
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 2 280/11.231
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 2 280/234
 2 280/236

10601739_CLS

2 280/261
2 280/288
2 280/288.4
2 280/304.1
2 280/5.513
2 280/87.041
2 301/124.1
2 301/6.9
2 301/6.91
2 301/67
2 303/119.2
2 303/122.09
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2 303/137
2 303/15
2 303/163
2 303/2
2 303/3
2 303/68
2 303/7
2 303/9.61
2 303/DIG 10
2 403/4
2 451/63
2 451/902
2 475/331
2 482/57

10601739_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10601739 on February 27, 2004

- 35 188/73.45 (6 OR, 29 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.43 ...Including actuator slidable in plane
parallel to axis of rotation of wheel
188/73.44On axially extending pin
188/73.45Plural pins
- 26 188/72.4 (9 OR, 17 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.4 ...By fluid pressure piston
- 25 188/18A (11 OR, 14 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/17 .Hub or disk
188/18R ..Motor vehicle
188/18A ...Disc brakes
- 18 188/73.38 (9 OR, 9 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.37 ...Having means to prevent vibration of brake
element
188/73.38Spring
- 16 188/72.9 (3 OR, 13 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.9 ...By pivoted lever
- 15 188/73.39 (3 OR, 12 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.39 ...Including torque member supporting brake
element
- 13 188/72.5 (6 OR, 7 XR)
Class 188 : BRAKES

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- 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.4 ...By fluid pressure piston
 - 188/72.5Piston for each of plural elements
- 12 188/72.7 (4 OR, 8 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.7 ...By inclined surface (e.g., wedge, cam or screw)
- 11 188/264G (3 OR, 8 XR)
- Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/264R .Cooling and lubricating
 - 188/264G ..Insulators
- 11 188/71.9 (5 OR, 6 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/71.7 ..With means to adjust for wear of brake
 - 188/71.8 ...Self-adjusting means
 - 188/71.9Including unidirectionally rotating screw
- 11 188/73.1 (1 OR, 10 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.1 ..Structure of brake element
- 11 188/73.44 (8 OR, 3 XR)
- Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.43 ...Including actuator slidable in plane parallel to axis of rotation of wheel
 - 188/73.44On axially extending pin
- 10 188/24.12 (4 OR, 6 XR)
- Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/24.11 .Velocipede (e.g., bicycle, etc.)
 - 188/24.12 ..Including mechanism for opposed gripping of wheel rim or tire
- 10 188/24.22 (4 OR, 6 XR)
- Class 188 : BRAKES
 - 188/2R VEHICLE

10601739_CLSTITLES

- 188/24.11 .Velocipede (e.g., bicycle, etc.)
- 188/24.12 ..Including mechanism for opposed gripping of
wheel rim or tire
- 188/24.22 ...Specific actuator element structure
- 10 188/250B (1 OR, 9 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/250R .Shoes
 - 188/250B ..Shoe construction
- 10 188/370 (0 OR, 10 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/151R .Fluid pressure
 - 188/152 ..Road vehicle
 - 188/361 ...Wheel brake operating assembly
 - 188/369With axially movable brake member
 - 188/370Spot type
- 10 188/71.6 (8 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/71.6 ..With means for cooling brake
- 10 188/71.8 (1 OR, 9 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/71.7 ..With means to adjust for wear of brake
 - 188/71.8 ...Self-adjusting means
- 9 188/218A (3 OR, 6 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/218R .Brake wheels
 - 188/218A ..Dust guard
- 9 188/24.19 (5 OR, 4 XR)
 - Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/24.11 .Velocipede (e.g., bicycle, etc.)
 - 188/24.12 ..Including mechanism for opposed gripping of
wheel rim or tire
 - 188/24.19 ...Having means to adjust spacing between brake
component and wheel rim or tire
- 9 188/71.5 (2 OR, 7 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/71.5 ..Plural rotating elements (e.g., "multidisc")
- 9 188/72.6 (3 OR, 6 XR)

10601739_CLSTITLES

- Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.6And/or mechanical linkage
- 9 188/73.43 (3 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane parallel to axis of rotation of wheel
- 8 188/218XL (4 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/218R .Brake wheels
 188/218XL ..Disk type
- 8 188/24.11 (5 OR, 3 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/24.11 .Velocipede (e.g., bicycle, etc.)
- 8 188/24.21 (4 OR, 4 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/24.11 .Velocipede (e.g., bicycle, etc.)
 188/24.12 ..Including mechanism for opposed gripping of wheel rim or tire
 188/24.21 ...Having center-pull, cable-type actuator for mechanism
- 8 188/344 (2 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/151R .Fluid pressure
 188/152 ..Road vehicle
 188/344 ...Velocipede
- 8 188/71.1 (2 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
- 8 188/72.8 (2 OR, 6 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.7 ...By inclined surface (e.g., wedge, cam or screw)
 188/72.8Screw or helical cam

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- 8 188/73.31 (3 OR, 5 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
- 8 188/73.32 (3 OR, 5 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.32 ...Having means to facilitate changing brake
 element
- 7 188/26 (1 OR, 6 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/24.11 .Velocipede (e.g., bicycle, etc.)
 188/26 ..Hub or disk
- 7 188/73.37 (2 OR, 5 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.37 ...Having means to prevent vibration of brake
 element
- 6 180/219 (2 OR, 4 XR)
 Class 180 : MOTOR VEHICLES
 180/21 SPECIAL WHEEL BASE
 180/218 .Having only two wheels
 180/219 ..Arranged in tandem
- 6 188/106F (0 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106F ...Fluid and mechanical
- 6 188/196BA (0 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196B ..Ratchet
 188/196BA ...Rotatable
- 6 188/250G (0 OR, 6 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R .Shoes
 188/250G ..Surfaces and fasteners
- 6 188/2D (1 OR, 5 XR)

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- Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/2D .Bowdin wire-operated
- 6 188/72.3 (2 OR, 4 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.3 ...And means for retracting brake element
- 6 188/73.34 (3 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.32 ...Having means to facilitate changing brake element
 - 188/73.33By manipulation of brake actuator
 - 188/73.34Pivotable actuator
- 6 280/93.512 (2 OR, 4 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/771 ..Occupant steered
 - 280/93.502 ...Linkage
 - 280/93.512Kingpin, steering knuckle, steering arm, or wheel carrier construction
- 5 74/489 (1 OR, 4 XR)
 - Class 074 : MACHINE ELEMENT OR MECHANISM
 - 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
 - 74/479.01 .Multiple controlling elements for single controlled element
 - 74/484R ..Steering and controls assemblies
 - 74/486 ...Reciprocating control elements
 - 74/488Handle bar type
 - 74/489Flexible control element
- 5 74/502.2 (1 OR, 4 XR)
 - Class 074 : MACHINE ELEMENT OR MECHANISM
 - 74/469 CONTROL LEVER AND LINKAGE SYSTEMS
 - 74/491 .Hand operated
 - 74/500.5 ..Flexible transmitter (e.g., Bowden cable)
 - 74/501.6 ...And hand operator
 - 74/502.2Single rotatable lever (e.g., for bicycle brake or derailleur)
- 5 82/112 (3 OR, 2 XR)
 - Class 082 : TURNING
 - 82/112 PORTABLE LATHE FOR BRAKE DRUM, DISC, OR SHOE
- 5 188/196M (0 OR, 5 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack

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- 188/196M ..Manual
- 5 188/205A (0 OR, 5 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/205R .Supports
 188/205A ..Antirattler
- 5 188/59 (3 OR, 2 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/33 .Railway
 188/58 ..Disk on axle
 188/59 ...Side shoes
- 5 188/73.35 (4 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.35 ...Having actuator and means to prevent
 vibration thereof
- 5 188/73.36 (3 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.35 ...Having actuator and means to prevent
 vibration thereof
 188/73.36 Including means to prevent vibration of
 brake element
- 5 188/73.47 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.47 ...Having closed loop type housing
- 5 301/6.8 (3 OR, 2 XR)
 Class 301 : LAND VEHICLES: WHEELS AND AXLES
 301/5.1 WHEEL
 301/6.1 .With drive or brake attachment
 301/6.8 ..Disc brake
- 4 92/248 (2 OR, 2 XR)
 Class 092 : EXPANSIBLE CHAMBER DEVICES
 92/172 PISTON
 92/248 .Nonmetallic portion
- 4 180/227 (3 OR, 1 XR)
 Class 180 : MOTOR VEHICLES
 180/21 SPECIAL WHEEL BASE
 180/218 .Having only two wheels
 180/219 ..Arranged in tandem

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- 180/227 ...Including resilient means for mounting
 driven wheel
- 4 188/1.11E (0 OR, 4 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11E .Electrical
- 4 188/106P (1 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106P ...Plural systems
- 4 188/24.16 (4 OR, 0 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/24.11 .Velocipede (e.g., bicycle, etc.)
 188/24.12 ..Including mechanism for opposed gripping of
 wheel rim or tire
 188/24.14 ...Having means to increase braking force
 (e.g., self-energizing brake, etc.)
 188/24.16 Plural brakes having common actuator
- 4 188/24.17 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/24.11 .Velocipede (e.g., bicycle, etc.)
 188/24.12 ..Including mechanism for opposed gripping of
 wheel rim or tire
 188/24.17 ...Actuation controlled by back-peddalling
- 4 188/250E (1 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/250R ..Shoes
 188/250E ..Slotted shoes and vibration dampers
- 4 188/264AA (0 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R ..Cooling and lubricating
 188/264A ..Air-cooled, axially engaging
 188/264AA ...Auto wheel type
- 4 192/217.1 (3 OR, 1 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/217 .Velocipede
 192/217.1 ..Back-pedaling brake (e.g., coaster brake)
- 4 280/276 (4 OR, 0 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/200 .Occupant propelled type
 280/263 ..With steering
 280/270 ...One-wheel controlled
 280/274 Frames and running gear

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- 280/275Yielding
280/276Front forks and heads
- 4 280/284 (1 OR, 3 XR)
Class 280 : LAND VEHICLES
280/29 WHEELED
280/200 .Occupant propelled type
280/281.1 ..Frames and running gear
280/283 ...Yielding
280/284Rear forks
- 3 29/266 (0 OR, 3 XR)
Class 029 : METAL WORKING
29/700 MEANS TO ASSEMBLE OR DISASSEMBLE
29/244 .Puller or pusher means, contained force
multiplying operator
29/256 ..Having screw operator
29/258 ...Central screw, work-engagers around screw
29/266Plate or bar forms work-engager
- 3 188/1.11W (2 OR, 1 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear
- 3 188/140R (0 OR, 3 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/110 .Automatic
188/135 ..Momentum
188/140R ...Vehicle
- 3 188/162 (0 OR, 3 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/158 .Electric
188/161 ..Electromagnet
188/162 ...Rotary motor
- 3 188/24.14 (3 OR, 0 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/24.11 .Velocipede (e.g., bicycle, etc.)
188/24.12 ..Including mechanism for opposed gripping of
wheel rim or tire
188/24.14 ...Having means to increase braking force
(e.g., self-energizing brake, etc.)
- 3 188/264F (1 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/264R .Cooling and lubricating
188/264F ..Operating fluid cooling
- 3 188/2F (1 OR, 2 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/2F .Wheelchair brakes

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- 3 188/345 (1 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/151R .Fluid pressure
 - 188/152 ..Road vehicle
 - 188/345 ...With multiple master cylinders
- 3 188/352 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/151R .Fluid pressure
 - 188/152 ..Road vehicle
 - 188/352 ...With bleeding or filling device
- 3 188/5 (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/5 .Ground-engaging
- 3 188/72.1 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
- 3 188/72.2 (0 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.2 ...Self-force-increasing means
- 3 188/73.33 (2 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.32 ...Having means to facilitate changing brake element
 - 188/73.33By manipulation of brake actuator
- 3 192/70.19 (0 OR, 3 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.16 ...With torque connection between clutch-element and its shaft
 - 192/70.19Axially slidable connection
- 3 280/124.154 (2 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.125 ...Wheel separately supported upon individual

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stub axle (e.g., skein, spindle)

280/124.154Vertically extending telescopic strut

3 280/277 (1 OR, 2 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED

280/200 .Occupant propelled type

280/263 ..With steering

280/270 ...One-wheel controlled

280/274Frames and running gear

280/275Yielding

280/276Front forks and heads

280/277Independent wheel mounting

3 280/281.1 (0 OR, 3 XR)

Class 280 : LAND VEHICLES

280/29 WHEELED

280/200 .Occupant propelled type

280/281.1 ..Frames and running gear

3 303/115.2 (1 OR, 2 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

303/121 SPEED-CONTROLLED

303/113.1 .Having a valve system responsive to a wheel
lock signal

303/115.1 ..System controlled by expansible chamber type
modulator

303/115.2 ...Having electric control

3 303/191 (1 OR, 2 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

303/121 SPEED-CONTROLLED

303/191 .Odd condition or device detection (e.g., fluid
or brake temperature, hill holder, anti-squeal controller
acoustic emission)

3 303/20 (1 OR, 2 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

303/20 ELECTRIC CONTROL

3 303/DIG 3 (0 OR, 3 XR)

Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS

303/DIG 2 BRAKE CONTROL BY PRESSURE COMPARISON

303/DIG 3 .Electrical pressure sensor

3 403/408.1 (0 OR, 3 XR)

Class 403 : JOINTS AND CONNECTIONS

403/408.1 HAVING A JOINING PIECE EXTENDING THROUGH
ALIGNED OPENINGS IN PLURAL MEMBERS

2 29/239 (1 OR, 1 XR)

Class 029 : METAL WORKING

29/700 MEANS TO ASSEMBLE OR DISASSEMBLE

29/239 .Spreading parts apart or separating them from
face to face engagement

2 29/897 (0 OR, 2 XR)

Class 029 : METAL WORKING

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- 29/592 METHOD OF MECHANICAL MANUFACTURE
29/897 .Structural member making
- 2 29/897.2 (2 OR, 0 XR)
Class 029 : METAL WORKING
29/592 METHOD OF MECHANICAL MANUFACTURE
29/897 .Structural member making
29/897.2 ..Vehicular structural member making
- 2 29/897.3 (0 OR, 2 XR)
Class 029 : METAL WORKING
29/592 METHOD OF MECHANICAL MANUFACTURE
29/897 .Structural member making
29/897.3 ..Static structure, e.g., a building component
- 2 74/18.2 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/18 FLEXIBLE SEALING DIAPHRAGM ATTACHED TO MOVING
ROD AND TO CASING
74/18.2 .Longitudinally reciprocating rod
- 2 74/594.2 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/469 CONTROL LEVER AND LINKAGE SYSTEMS
74/594.1 .Crank and pedals
74/594.2 ..With attached gear
- 2 92/168 (0 OR, 2 XR)
Class 092 : EXPANSIBLE CHAMBER DEVICES
92/165R WITH GUIDE OR SEAL ON CYLINDER END PORTION FOR
PISTON OR MEMBER MOVED BY PISTON
92/168 .Non-metallic seal means between piston or
member and end portion
- 2 92/212 (1 OR, 1 XR)
Class 092 : EXPANSIBLE CHAMBER DEVICES
92/172 PISTON
92/208 .Open-ended hollow skirt type (e.g., trunk
type)
92/212 ..With nonmetallic portion
- 2 180/190 (1 OR, 1 XR)
Class 180 : MOTOR VEHICLES
180/182 INCLUDING ONE OR MORE SKI-LIKE OR RUNNER
MEMBERS
180/186 .With at least one surface-engaging propulsion
element
180/190 ..Endless track type element
- 2 180/231 (0 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/21 SPECIAL WHEEL BASE
180/218 .Having only two wheels
180/219 ..Arranged in tandem
180/231 ...Including endless element for transmitting
drive and means for adjusting tension of element
- 2 180/65.6 (0 OR, 2 XR)

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- Class 180 : MOTOR VEHICLES
 180/54.1 POWER
 180/65.1 .Electric
 180/65.6 ..With gearing between electric motor and drive wheel
- 2 188/1.11L (2 OR, 0 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11W .Wear
 188/1.11L ..Electrical
- 2 188/181A (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/174 .Weight
 188/180 ..Regulators
 188/181R ...Vehicle
 188/181AAcceleration responsive
- 2 188/196D (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196D ..Frictional rotation
- 2 188/196P (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196P ..Friction
- 2 188/218R (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/218R .Brake wheels
- 2 188/264A (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264A ..Air-cooled, axially engaging
- 2 188/264P (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264P ..With pump
- 2 188/272 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/272 .Combined with mechanism retarded by brake
- 2 188/29 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/2R VEHICLE
 188/29 .Top shoes

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- 2 188/33 (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/33 .Railway
- 2 188/70R (2 OR, 0 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/70R .Axially and transversely movable
- 2 188/73.46 (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing
therefor
 - 188/73.31 ..Retainer for brake element
 - 188/73.46 ...Including actuator fixed on torque member
- 2 188/DIG 1 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/DIG 1 PANIC BRAKING
- 2 192/111A (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/111R .Wear compensators
 - 192/111A ..Automatic wear compensators
- 2 192/113.3 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/113.1 .Lubricating, insulating, or cooling
 - 192/113.3 ..Liquid cooled or lubricated clutch surfaces
- 2 192/35 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/31 .Automatic
 - 192/32 ..Manual control
 - 192/35 ...Pilot mechanism
- 2 192/70.24 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/66.1 .Axially engaging
 - 192/70.11 ..Interposed, mating clutch-elements
 - 192/70.23 ...With cam or wedge contacting clutch-element
or pressure plate for axial movement thereof
 - 192/70.24By cam surface on bell-crank
- 2 192/94 (0 OR, 2 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/82R .Operators
 - 192/94 ..Screw
- 2 280/11.231 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES

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- 280/841 SKATES
- 280/11.19 .Wheeled skate
- 280/11.221 ..In-line wheels (e.g., in-line skates)
- 280/11.231 ...Three or four wheels

- 2 280/124.125 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.125 ...Wheel separately supported upon individual stub axle (e.g., skein, spindle)

- 2 280/124.145 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.125 ...Wheel separately supported upon individual stub axle (e.g., skein, spindle)
 - 280/124.134Lateral control arm (i.e., suspension arm)
 - 280/124.145Including vertically extending strut

- 2 280/234 (2 OR, 0 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/200 .Occupant propelled type
 - 280/210 ..With propulsion means
 - 280/230 ...Plural power application
 - 280/233Hand and foot
 - 280/234Interconnected steering means

- 2 280/236 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/200 .Occupant propelled type
 - 280/210 ..With propulsion means
 - 280/236 ...Reversing and power ratio change

- 2 280/261 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/200 .Occupant propelled type
 - 280/210 ..With propulsion means
 - 280/259 ...Rotary crank power
 - 280/260With gearing
 - 280/261Belt or chain

- 2 280/288 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/200 .Occupant propelled type
 - 280/281.1 ..Frames and running gear
 - 280/288 ...Rear forks

- 2 280/288.4 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED

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- 280/200 .Occupant propelled type
- 280/288.4 ..Attachments and accessories

- 2 280/304.1 (2 OR, 0 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/200 .Occupant propelled type
 - 280/288.4 ..Attachments and accessories
 - 280/304.1 ...Wheelchair

- 2 280/5.513 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
(I.E., ACTIVE SUSPENSION CONTROL)
 - 280/5.513 .Longitudinal vehicle disposition (e.g.,
antidive, antipitch, antisquat)

- 2 280/87.041 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/87.01 .Coasters
 - 280/87.021 ..Occupant-pushed
 - 280/87.041 ...Standing occupant

- 2 301/124.1 (0 OR, 2 XR)
 - Class 301 : LAND VEHICLES: WHEELS AND AXLES
 - 301/124.1 AXLE

- 2 301/6.9 (0 OR, 2 XR)
 - Class 301 : LAND VEHICLES: WHEELS AND AXLES
 - 301/5.1 WHEEL
 - 301/6.1 .With drive or brake attachment
 - 301/6.9 ..For cycle-type vehicle

- 2 301/6.91 (0 OR, 2 XR)
 - Class 301 : LAND VEHICLES: WHEELS AND AXLES
 - 301/5.1 WHEEL
 - 301/6.1 .With drive or brake attachment
 - 301/6.91 ..Having vibration damper or heat insulator

- 2 301/67 (0 OR, 2 XR)
 - Class 301 : LAND VEHICLES: WHEELS AND AXLES
 - 301/5.1 WHEEL
 - 301/62 .Compression wheel
 - 301/67 ..Rim (or felly) and spoke connection

- 2 303/119.2 (0 OR, 2 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/121 SPEED-CONTROLLED
 - 303/113.1 .Having a valve system responsive to a wheel
lock signal
 - 303/119.1 ..System controlled by solenoid valve
 - 303/119.2 ...System solenoid valve detail

- 2 303/122.09 (0 OR, 2 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/121 SPEED-CONTROLLED
 - 303/122 .With failure responsive means
 - 303/122.09 ..Pressure failure

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- 2 303/122.13 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/122 .With failure responsive means
 303/122.09 ..Pressure failure
 303/122.13 ...Auxiliary pressure failure
- 2 303/137 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/137 .Motorcycle
- 2 303/15 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/13 MULTIPLE CONTROL
 303/15 .Fluid and electric
- 2 303/163 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/163 .Slip ratio
- 2 303/2 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/2 MULTIPLE SYSTEMS
- 2 303/3 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/2 MULTIPLE SYSTEMS
 303/3 .Fluid pressure and electric
- 2 303/68 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/50 MOTORMAN'S VALVES
 303/68 .Motor
- 2 303/7 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/5 MULTIPLE FLUID-RECEIVING DEVICES
 303/6.01 .Multiple motors
 303/7 ..Sectional train
- 2 303/9.61 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/5 MULTIPLE FLUID-RECEIVING DEVICES
 303/6.01 .Multiple motors
 303/9.61 ..Separate and simultaneous control
- 2 303/DIG 10 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/DIG 10 VALVE BLOCK INTEGRATING PUMP, VALVES, SOLENOID,
 ACCUMULATOR, ETC.
- 2 403/4 (0 OR, 2 XR)
 Class 403 : JOINTS AND CONNECTIONS
 403/3 SELECTIVELY ASSEMBLED, E.G., CONVERTIBLE, ETC.
 403/4 .Selective orientation

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2 451/63 (2 OR, 0 XR)
 Class 451 : ABRADING
 451/28 ABRADING PROCESS
 451/63 .Side face of disk

2 451/902 (0 OR, 2 XR)
 Class 451 : ABRADING
 451/902 BRAKE ABRADING

2 475/331 (1 OR, 1 XR)
 Class 475 : PLANETARY GEAR TRANSMISSION SYSTEMS OR
 COMPONENTS
 475/331 PLANETARY GEARING OR ELEMENT

2 482/57 (2 OR, 0 XR)
 Class 482 : EXERCISE DEVICES
 482/51 INVOLVING USER TRANSLATION OR PHYSICAL
 SIMULATION THEREOF
 482/57 .Bicycling